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### **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/622,893
Filing Date	July 17, 2003
First Named Inventor	Chong-Sheng YUAN
Art Unit	1646
Examiner Name	Not Yet Assigned
Attorney Docket Number	466992001300

ENCLOSURES (Check all that apply)						
Fee Transmittal Form	Drawing(s)	After Allowance Communication to Group				
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply	Petition	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After Final	Petition to Convert to a Provisional Application	Proprietary Information				
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter				
Extension of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please identify below):				
Express Abandonment Request	Request for Refund	Form 1449, 4 pages (in duplicate), listing 80 References;				
x Information Disclosure Statement, 3 pages	CD, Number of CD(s)	(51) References; Return Postcard				
Certified Copy of Priority Document(s)						
Response to Missing Parts/ Incomplete Application	Remarks					
Response to Missing Parts under 37 CFR 1.52 or 1.53	CUSTOMER NO. 25225	5				
under 37 GFK 1.52 of 1.53	N					
SIGNATU	JRE OF APPLICANT, ATTORNEY, OF	RAGENT				
Firm or Individual name  MORRISON & FOERSTER LLP Laurie L. Hill - 51,804						
Signature aurii C	Signature Sauri All					
Date April 28, 2004						

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Rhea Amid

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Chong-Shen YUAN et al.

Serial No.: 10/662,893

Filing Date: July 17, 2003

For: METHODS AND COMPOSITIONS FOR

DETERMINATION OF GLYCATED

**PROTEINS** 

Examiner: Unassigned

Group Art Unit: 1646

# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. §1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

	This In:	formation Disclosure Statement is submitted:
	With	the application; accordingly, no fee or separate requirements are required.
	Befor	e the mailing of a first Office Action after the filing of a Request for Continued
	Exam	ination under § 1.114.
$\boxtimes$	Withi	n three months of the application filing date or before mailing of a first Office
	Actio	n on the merits; accordingly, no fee or separate requirements are required.
	After	receipt of a first Office Action on the merits but before mailing of a final Office
	Actio	n or Notice of Allowance.
		A fee is required. A check in the amount of is enclosed.
		A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached
		to this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee
		is believed to be due.
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue	fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the
		amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 466992001300. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 28, 2004

Respectfully submitted,

Reg. No. 51,804

Morrison & Foerster LLP

3811 Valley Centre Drive, Suite 500 San Diego, California 92130-2332

Telephone: (858) 720-7955 Facsimile: (858) 720-5125 Form PTO-1449

OINFERMATION DISCLOSURE CITATION

ON AN APPLICATION

APR 3 0 2004 WUse several sheets if necessary)

	Sheet 1 of 1
Docket Number 466992001300	Application Number 10/622,893
Applicant	•
Chong	g-Sheng YUAN et al.
Filing Date July 17, 2003	Group Art Unit 1646
Mailing Date April 28, 2004	

#### U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	05/1986	4,588,684	Brake	435	68	
•	2.	07/1989	4,847,195	Khanna et al.	435	7	
	3.	08/1990	4,948,729	Piatak, Jr. et al.	435	68	, , , , , , , , , , , , , , , , , , , ,
•	4.	07/1991	5,030,563	Schendel et al.	435	698	
	5.	08/1992	5,137,821	Sagai et al.	435	190	
	6.	12/1992	5,171,670	Kronenberg et al.	435	68.1	
	7.	07/1993	5,229,286	Jarsch et al.	435	190	
	8.	09/1993	5,244,796	Levy et al.	435	190	
	9.	05/1994	5,308,770	Jarsch et al.	435	190	
	10.	09/1994	5,344,770	Hitomi et al.	435	71.2	
· · · · · · · · · · · · · · · · · · ·	11.	01/1998	5,710,248	Grose	530	327	
	12.	01/1998	5,712,138	Kato et al.	435	189	
	13.	08/1998	5,789,221	Kato et al.	435	190	
	14.	10/1998	5,824,527	Kato et al.	435	191	
	15.	01/1999	5,856,104	Chee et al.	435	6	
	16.	03/1999	5,879,921	Cherry et al.	435	190	
	17.	03/1999	5,885,811	Hansen	435	172.3	
	18.	06/1999	5,914,250	Hansen	435	69.1	
	19	09/1999	5,948,665	Matsukawa et al.	435	194	
•	20.	09/1999	5,948,659	Kato et al.	435	189	
	21	10/1999	5,972,671	Kato et al.	435	191	
	22	11/1999	5,985,591	Yonehara et al.	435	28	
•	23	12/1999	6,008,006	Torrens et al.	435	23	
	24	05/2000	6,069,297	Luzzatto et al.	800	18	
	25	10/2000	6,127,138	Ishimaru et al.	435	23	
	. 26	10/2000	6,127,345	Burnham	514	44	
	27	02/2001	6,194,200	Rose et al.	435	320.1	

**EXAMINER:** 

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449			Docket Number 466992001300 Application Number 10/622,893						
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Chong-Sheng YUAN et al.							
(Use several sheets if necessary)									
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					Mailing Date April	<u>28</u> , 2004			
•	28.	09/2002	6 151 571	Dro	do III et al	125	210	1	<del></del>
	29.	09/2002	6,451,574 US2002/009779		de, III et al.	435	219	05/2001	
	29.		US2002/009779	ivie	yers et al.	435	69.1	05/2001	
			FOREIGN F	PAT	ENT DOCUMI	ENTS	J.,		
Examiner	Ref.	Date	Document No.		Country	Class	Subclass	Translation	
Initials	No.	Bate			Country	Ciass	Duociass	YES	NO
•	30.	10/1984	EP 0 121 352	Eur	ope				
	31.	07/1986	EP 0 186,643	Eur	ope				X
	32.	10/1986	EP 0 196,864	Eur	ope				
	33.	05/1989	WO 89/03886	PC	Γ				
	34.	04/1993	WO 93/06125	PC	Γ				
	35.	09/1996	WO 96/28556	PC'	Γ				
	36.	05/2000	WO 00/28041	PC	Γ				
	37.	12/1999	WO 01/47968	PC	L .			abstract only	
	38.	03/2000	WO 01/68694	PC	Γ			abstract only	
	39.	11/2001	WO 01/90325	PC	Γ				
	40.	11/2001	WO 01/90378	PC	Γ			abstract only	
	41.	12/2001	WO 01/98472	PC	Γ			abstract only	
7	42.	03/2002	WO 02/20795	PC	Γ	Y.		abstract only	
	43.	08/2002	WO 02/064760	PC	Γ			abstract only	
	44.	09/2002	WO 02/072634	PC	Γ			abstract only	
	45.	05/2003	WO 03/042389	PC	Γ			abstract only	
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### Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number 466992001300	Application Number 10/622,893
Applicant	
Chong-S	Sheng YUAN et al.
Filing Date July 17, 2003	Group Art Unit 1646
Mailing Date April <b>28</b> , 2004	

#### OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

		OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)
Examiner Initials	Ref. No.	Title
	46.	Allgrove and Cockrill, Archives of Disease in Childhood, 63:418-422 (1988).
	47.	Armbuster, Fructosamine: Clin. Chem., 33(12):2153-63 (1987).
	48.	Baker et al., Clin. Chem., 37(4):552-556 (1991).
	49.	Bastin et al., Mol. Biochem. Parasitology, 77:235-239 (1996).
•	50.	Baynes and Monnier (eds.), Prog. Clin. Biol. Res., 304:1-410 (1989).
	51.	Biochemistry 11(9): 1726-32 (1972).
	52.	Chen and Katz, BioTechniques, 25(1):22-24 (1998).
	53.	Diazyme Laboratories Division, General Atomics, FAOX-TE fact sheet, 5 pages.
	54.	Fossati et al., Clin. Chem. 26(2):227-231 (1980).
	55.	Frederick et al., J. Biol. Chem., 265(7):3793-802 (1990).
	56.	Gerhardinger et al., J. Biol. Chem., 270(1):218-224 (1995).
	57.	Hardy and Randall, J. Cell Sci. Suppl., 11:29-43 (1989).
	58.	Hobom et al., Dev. Biol. Stand., 84:255-262 (1995).
	59.	Kouzuma et al. Clin. Chimi. Acta, 324:61-71 (2002).
	60.	Kuhn et al., Mol. Gen. Genet., 167(3):235-241 (1979).
	61.	Michiels et al., Trends Microbiol., 9(4):164-168 (2001).
	62.	Nagelkerken et al., Electrophoresis, 18:2694-98 (1997).
	63.	Olah et al., Biochem., 221:94-102 (1994).
	64.	Peakman et al., Nucleic Acids Res., 20(22):6111-12 (1992).
	65.	Phillipou et al., Clin. Chem. 34(8):1561-64 (1988).
	66.	Prickett et al., BioTechniques, 7(6):580-584 (1989).
	67.	Roesser and Yanofsky, Nucleic Acids Res., 19(4):795-800 (1991).
	68.	Rudiger et al., Biotechniques, 23(1):96-97 (1997).
	69.	Saier et al., FASEB J., 2(3):199-208 (1988).
	70	Sakai et al., Biosci. Biotech. Biochem., 59(3):487-491 (1995).
	71	Schleicher et al., Clin. Chem. 34(2):320-323 (1988).
	72	Sigma-Aldrich Catalog No. 82452, 1 page, printed 03/02/2004.
	73	Takahashi et al., J. Biol. Chem., 272(19):12505-7 (1997).
EVANCE		DATE CONSIDERED.

EXAMINER:

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449			Docket Number 466992001300	Application Number 10/622,893	
INFORN	<b>ЛАТІ</b> (	ON DISCLOSURE CITATION	Applicant .		
IN AN APPLICATION			Chong-Sheng YUAN et al.		
(Use several sheets if necessary)			Filing Date July 17, 2003	Group Art Unit 1646	
			Mailing Date April <b>28</b> , 2004		
	75.	Tolbert and Lameh, J. Neurochem., 7	0:113-119 (1998).		
	76.	Tseng and Verma, Gene, 169:287-28	8 (1996).		
		Wang et al., Gene, 169(1):53-58 (199	· · · · · · · · · · · · · · · · · · ·		
	78.	Watson et al., Molecular Biology of t p.224.	the Gene, 4 <sup>th</sup> Ed., 1987, The Beja	acmin/Cummings Pub. Co.,	
	79.	Worthington Catalog, Proteinase K, <u>1</u> 03/02/2004, 4 pages.	nttp://worthington-biochem.com/	//PROK.html., printed	
	80.	Xie et al., Endocrinology, 139(11):45	563-67 (1998).		
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